



System Report

June 1 – August 31, 2012

**Data Period-Second Quarter 2012
(April-May-June)**

Mississippi Trauma Care System

*Designated Trauma Care Providers
Working Together to Prevent and Treat Trauma*

Prepared

August 24, 2012

By

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Introduction

The goal of the Mississippi Trauma Care System is to deliver the **right** patient to the **right** hospital the **first** time. Research shows that this approach decreases mortality. Trauma remains the leading cause of death for Mississippians age 1 to 44 and Mississippi ranks third in the nation for unintentional injury deaths.

Mississippi began development of a statewide trauma system in 1991. The Mississippi Legislature charged the Mississippi State Department of Health with the responsibility for oversight of trauma system development. Since that time the state has adopted a trauma care plan, established seven designated trauma regions, designated qualifying hospitals as trauma centers, maintains a trauma registry, and disbursed funding to trauma regions, trauma centers, and physicians.

The Mississippi Legislature passed House Bill 1405 during the 2007 Regular Session to revitalize and more fully fund the Mississippi Trauma Care System. Mississippi moved from a voluntary system with indigent reimbursement, to a mandatory system with block grant funding based on participation; the first trauma system of its type in the United States. As suggested by the Mississippi Trauma Care Task Force, this report on the Mississippi Trauma Care System will be submitted quarterly to the Mississippi State Board of Health.



Quarterly Activities

Trauma Registry:

Trauma Registry Users' Group Meeting Jackson, Mississippi 18-Jul-12				
First Name	Last Name	Region	Facility	Total
Ginger	Alford	EC	Rush Foundation Hospital	1
Tracy	Beasley	EC	Neshoba County General Hospital	1
Kristin	Brown	North	North MS Medical Center	1
Debbie	Coleman	Central	Montfort Jones Memorial Hospital	1
Melissa	Cooper	Central	Magee General Hospital	1
Betty	Cox	Central	MS Baptist Medical Center	1
Dean	Evans	Central	River Oaks Hospital	1
Daphene	Fitchpatrick	Delta	Regional Medical Center at Memphis	1
Diane	Furtick	North	North MS Medical Center	1
Pam	Graves	Central	St. Dominic Hospital	1
Aleta	Guthrie	Central	University Medical Center	1
Angela	Hall	Central	Madison River Oaks Medical Center	1
Stacy	Hill	SE	South Central Regional Medical Center	1
Cindy	Himmel	Central	Magee General Hospital	1
Heather	Holmes	Central	J.M. Still Brandon MS	1
Brenda	Jayroe	EC	Neshoba County General Hospital	1
Bobbie	Knight	SE	South Central Regional Medical Center	1
Amber	Kyle	Central	Central Trauma Care Region-Regional Adm	1
Sandra	Mathis	Coastal	Memorial Hospital at Gulfport	1
Monica	McCullum	SE	Forrest General Hospital	1
Christy	McGregory	Central	Central Mississippi Medical Center	1
Vicky	Moody	Central	Baptist Medical Center Leake	1
Linda	O'Quinn	Central	Jefferson County Hospital	1
Kimberly	Scroggins	North	Baptist Memorial Hospital North	1
Gloria	Smalley	SE	SouthEast Trauma Care Region	1
Stephanie	Sullivan	Central	Magee General Hospital	1
Kim	Terrell	North	North MS Medical Center	1
Lisa	Wilson	North	North MS Medical Center	1
Robin	Montalbano	SE	Highland Community Hospital	1
Total				29

Trauma Registry Software Training Jackson, Mississippi August 1-3, 2012					
Facility	First Name	Last Name	1-Aug	2-Aug	3-Aug
Kings Daughters - Brookhaven	Sherry	Barry	1	1	1
Calhoun Health Services	Corrie	Bennett	0	1	1
Natchez Regional	Betsy	Borden	1	1	1
Magee General	Melissa	Cooper	1	1	1
Baptist Health Systems	Betty	Cox	1	1	1
Pioneer Community Hospital - Aberdeen	Phillip	DiCicco	1	1	1
River Oaks Hospital	Dean	Evans	0	1	0
Regional Medical Center	Daphene	Fitchpatrick	1	1	1
Regional Medical Center	Denise	Headin	1	1	1
Calhoun Health Services	Jaunita	James	0	1	1
Bolivar Medical Center	Warren	Manning	0	1	1
Magee General	Stephanie	Sullivan	1	1	1
Totals			8	12	11

Trauma Registry Software Training Beginners Registry Training July 27, 2012			
Facility	First Name	Last Name	27-Apr
Natchez Regional	Betsy	Borden	1
Montfort Jones Memorial Hospital	Debbie	Coleman	1
Magee General Hospital	Melissa	Cooper	1
River Oaks Hospital	Dean	Evans	1
River Region Hospital	Renea	Foley	1
CMMC	Christy	McGregor	1
Magee General Hospital	Stephanie	Sullivan	1
Garden Park Med Center	Sarah LeAnne	York	1
Totals			8

Trauma Center Consultation Visits:

Le Bonheur Children's Hospital, Memphis, TN
 Tertiary Pediatric Trauma Center

June 26, 2012

Trauma Center Inspections:

South Central Regional Medical Center, Laurel Level III Trauma Center	July 16, 2012
University of South Alabama Medical Center, Mobile, AL Level I Trauma Center	August 20, 2012
Forrest General Hospital, Hattiesburg Level II Trauma Center	August 21, 2012

Trauma Center Designations:

The following hospitals have received designation as a Level IV adult Trauma Center and Primary Pediatric Trauma Center:

- Northwest Mississippi Regional Medical Center, Clarksdale
- Pearl River County Hospital, Poplarville
- Pioneer Community Hospital, Ackerman
- River Region Health System, Vicksburg
- Walthall General Hospital, Tylertown

Currently, the system is comprised of:

- Three (3) Level I Trauma Centers (UMMC, Jackson; Regional Medical Center, Memphis; University of South Alabama, Mobile);
- Four (4) Level II Trauma Centers (North Mississippi Medical Center, Tupelo; Forrest General Hospital, Hattiesburg; Memorial Hospital of Gulfport, Gulfport; Singing River Hospital, Pascagoula);
- Thirteen (13) Level III Trauma Centers; and
- Sixty (64) Level IV Trauma Centers.

Mississippi Trauma Advisory Committee (MTAC) Activities:

MTAC held its quarterly meeting on August 15, 2012 in the Cobb Auditorium:

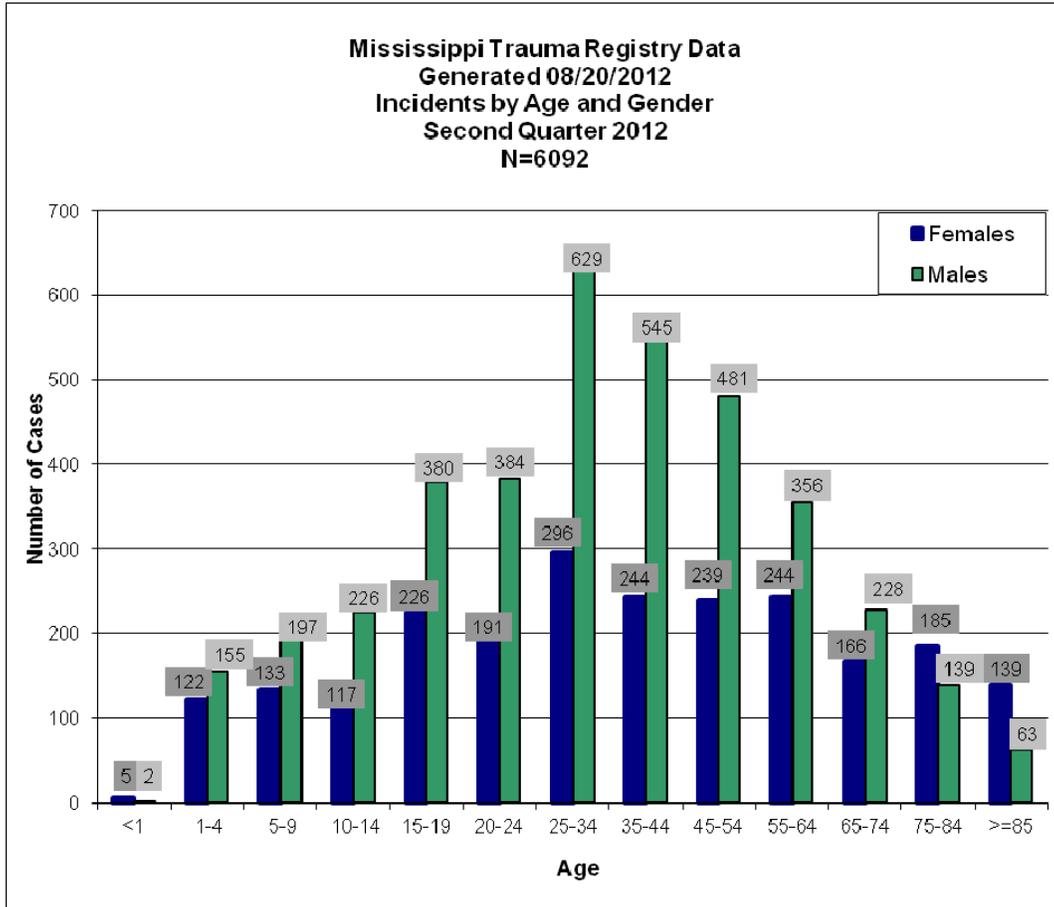
- The Rules and Regulations sub-committee reviewed numerous rules for changes:
 - Editorial changes regarding notification to transferring hospitals on patient outcomes.
 - Changes to the consolidated Essentials and Desirables (E&D) Chart to include Pediatric Trauma Centers and Burn Centers.
 - Changes to the Consolidated Trauma Activation Criteria and Destination Guidelines (Appendix B) to incorporate updated CDC guidelines and pediatric criteria.
- MTAC formed a new sub-committee, the Trauma Registry Sub-committee, to address issues affecting the Trauma Registry.

Trauma Data:

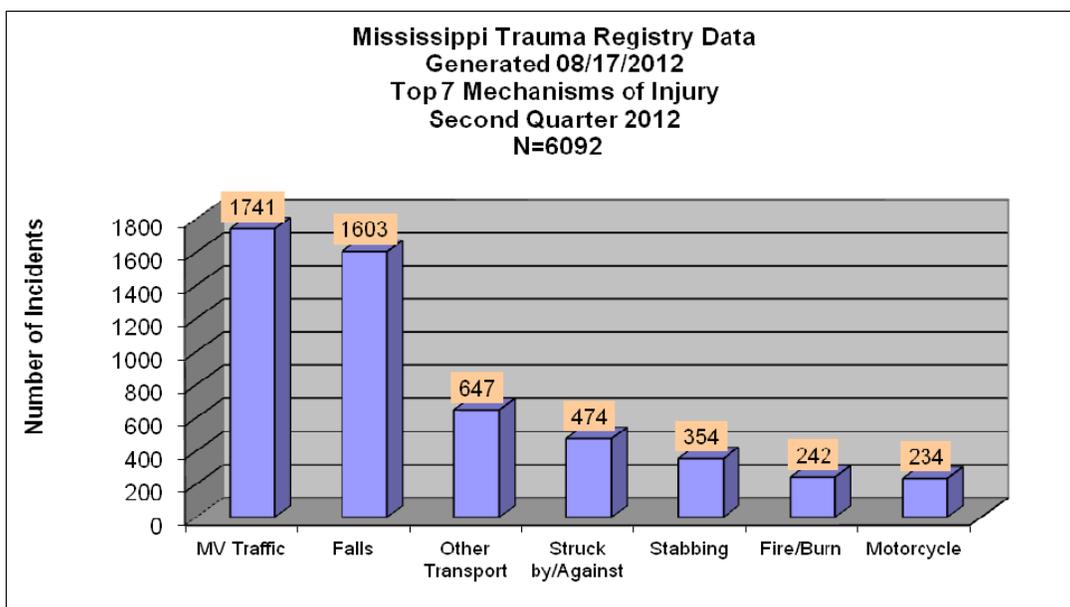
Injury Severity Score (ISS) Summary for Level I-III Trauma Centers

Mississippi Trauma Registry Data Injury Severity Score Summary for Level I to Level III Hospitals Generated 08/20/2012 Second Quarter 2012 N = 4433						
Facility	Site ID	ISS 1-9	ISS 10-15	ISS 16-24	ISS>24	Total Patients
Anderson Regional Medical Center-North	237	77	17	7	2	103
Baptist Memorial Hospital-North Miss.	228	44	12	5	1	62
Baptist Memorial Hospital-GoldenTriangle	253	312	11	3	2	328
Baptist Memorial Hospital-Desoto	318	159	12	5	1	177
Biloxi Regional Medical Center	299	62	8	3	1	74
Delta Regional Medical Center	189	72	5	3	0	80
Forrest General Hospital	141	648	87	41	9	785
Magnolia Hospital	903	100	13	5	0	118
Memorial Hospital at Gulfport	248	178	22	16	6	222
North MS Medical Center-Tupelo	28	347	35	35	16	433
Ocean Springs Hospital	63	50	6	2	1	59
Oktibbeha County Hospital	390	39	6	3	1	49
Regional Medical Center at Memphis	269	56	14	17	24	111
River Oaks Hospital, Inc.	900	47	3	4	2	56
Rush Foundation Hospital	297	102	7	5	0	114
Singing River Hospital	59	71	9	7	0	87
South Central Regional Medical Center	39	262	17	10	2	291
Southwest Mississippi Regional Medical C	153	137	14	5	0	156
Univ of South Alabama Medical Center	251	54	19	11	5	89
University Medical Center	914	725	138	116	60	1039
Total		3542	455	303	133	4433

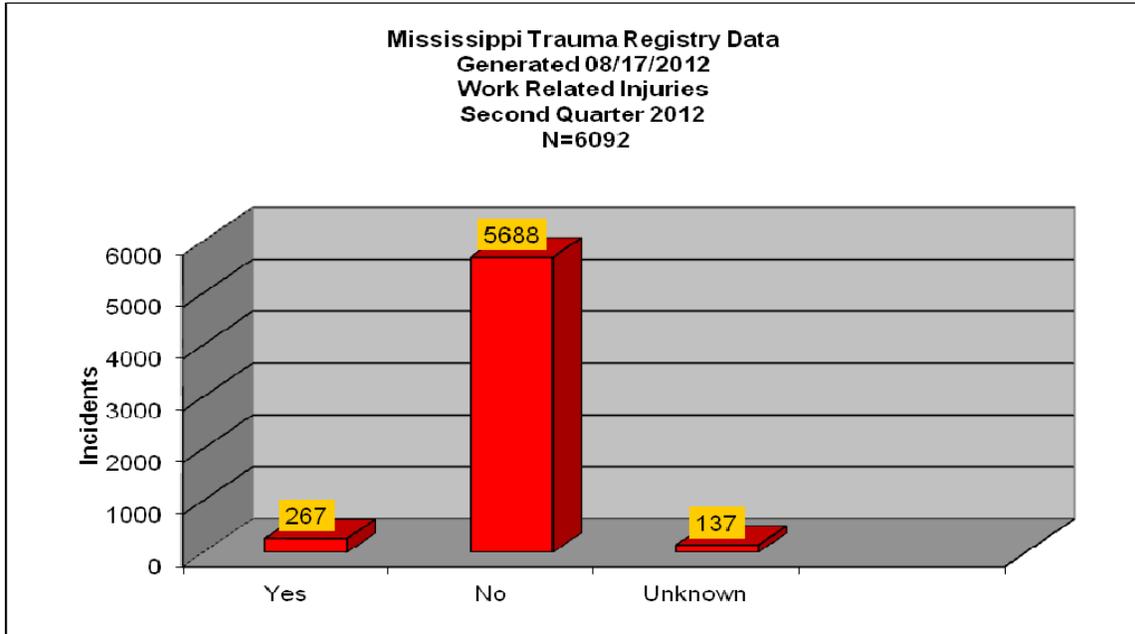
Age and Gender



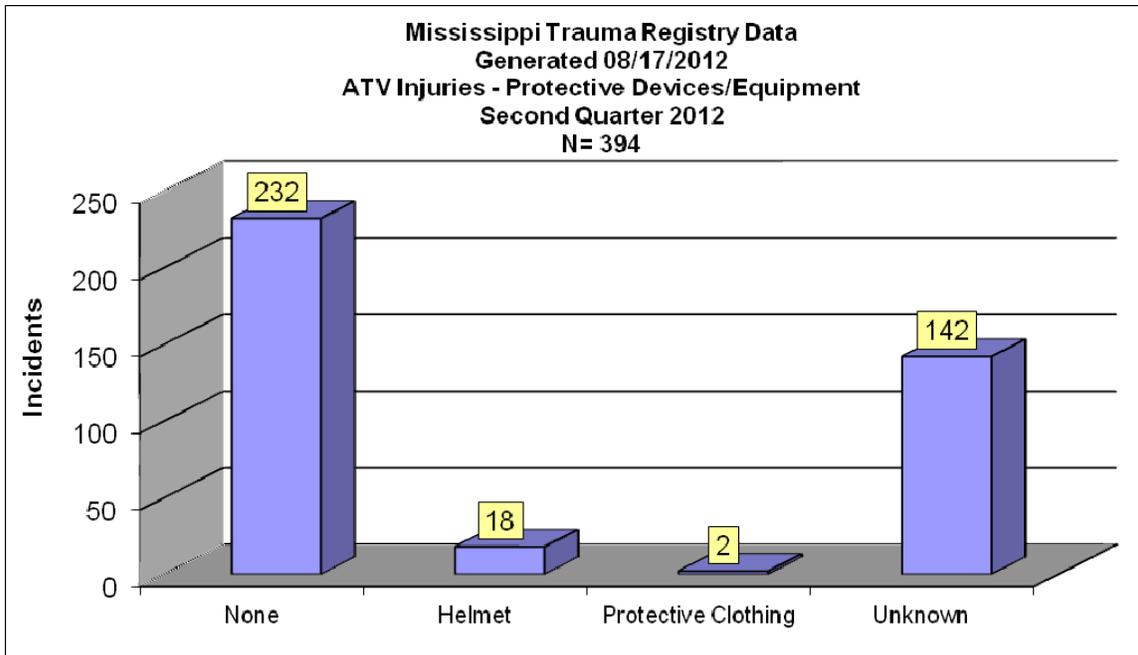
The top 7 mechanisms of injury



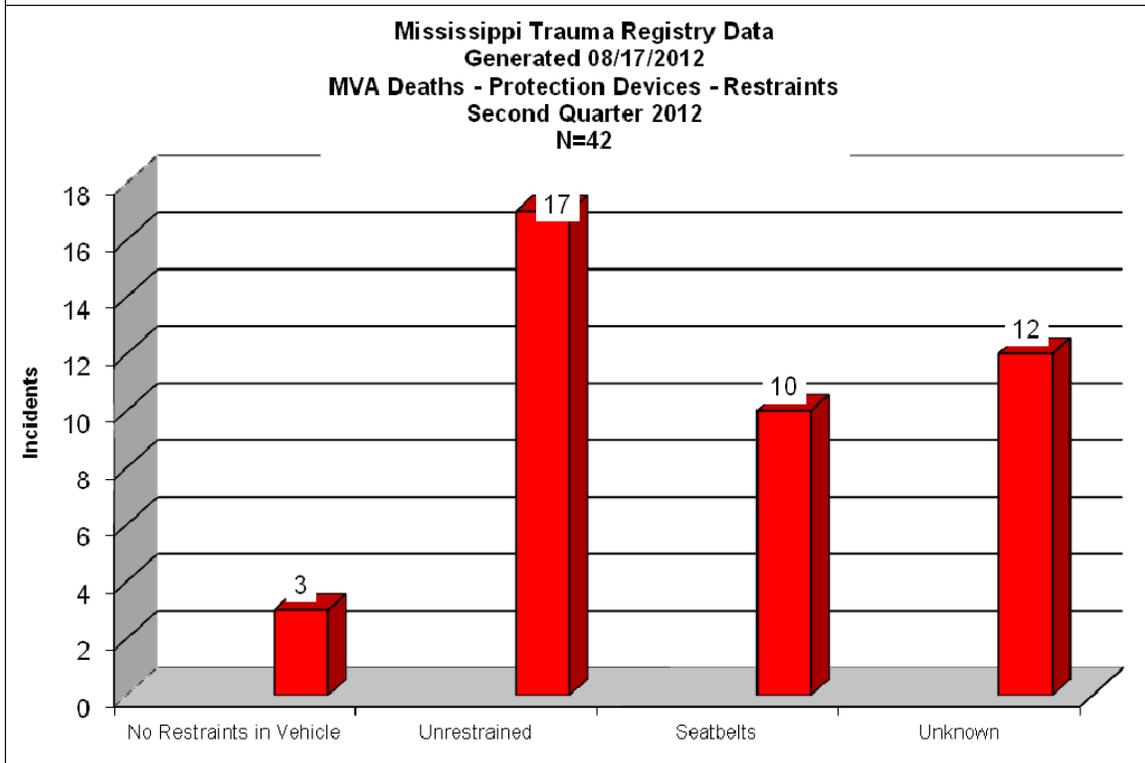
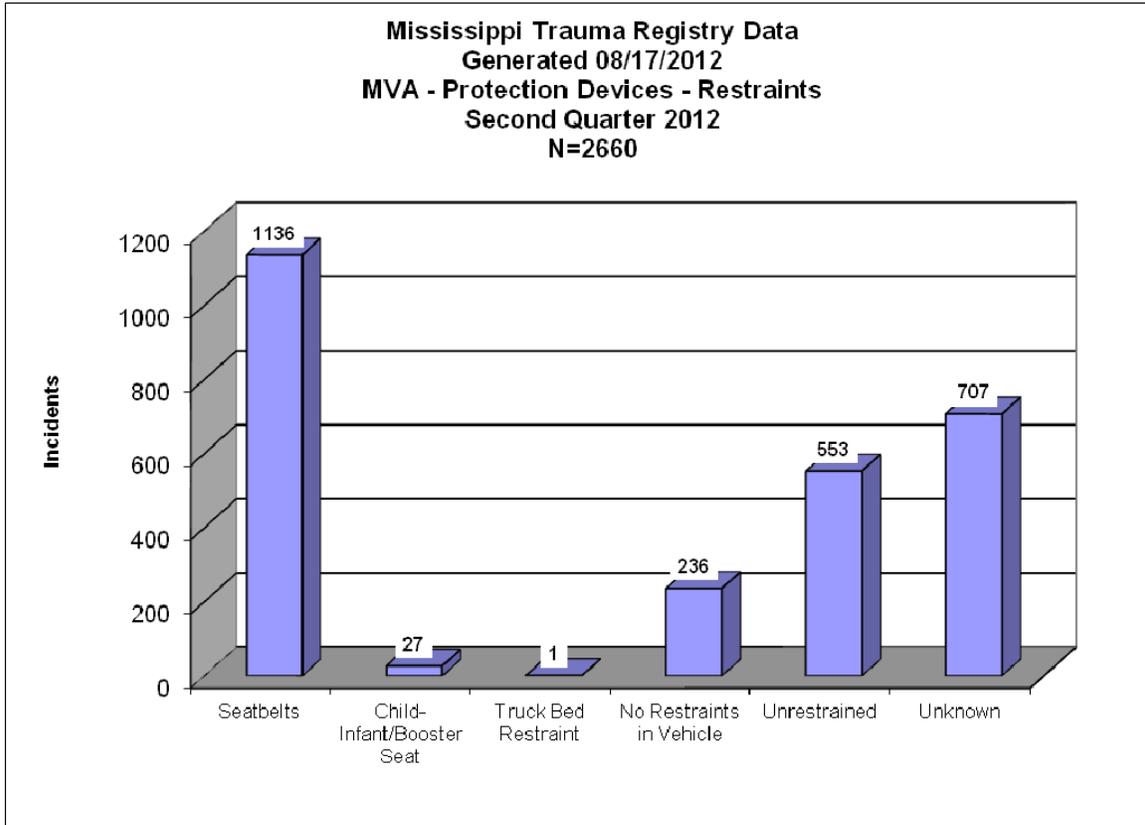
Work related injuries



ATV injuries with Protective Devices/Equipment



MVA with and without restraints



Performance Improvement (PI) Program:

The State Trauma PI Committee has been restructured into the State PI Committee. Mr. Bill Oliver will be the State PI Coordinator and co-chair of the individual PI sub-committees: Trauma, STEMI, and eventually, Stroke.

Trauma PI Sub-committee activities:

- The sub-committee met on August 7, 2012.
- Discussion items relating to system performance:
 - EMS arrival at scene to departure to ED (scene time) should be less than 15 minutes, excluding extrications.
 - A maximum of 24 hours for the hospital to receive an EMS run sheet.
 - Appropriate use of CT at Level IV and III centers prior to transfer.
 - Deaths occurring at receiving hospitals after transfer.
 - Unexpected death where the patient should have survived (TRISS > .5).
 - ED Length of Stay in Level III/IV centers prior to transfer should be less than 130 minutes.
 - Transfer of pediatric Alpha trauma patients to Tertiary Pediatric Trauma Centers.

STEMI PI Sub-committee activities:

The Mississippi Health Care Alliance (MHCA) is soliciting nominations from their membership to fill the positions on the STEMI System Advisory Committee (counterpart to MTAC) and the STEMI PI Sub-committee. Appointments will be announced at the MHCA statewide meeting on August 30, 2012.

